

Converting Colors

CIELCh(82, 4.474, 124.769)

Have a look what the booklet for
CIELCh(82, 4.474, 124.769) contains.

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Color

CIELCh(82, 4.374, 124.411)

Conversions

Conversions Part 1

Format	Color
Hex	CACDC5
RGB	202, 205, 197
RGB Percent	79%, 80%, 77%
CMY	0.2076, 0.1958, 0.2272
CMYK	0.01, 0.00, 0.04, 0.20
HSL	83°, 7%, 79%
HSV	83°, 4%, 80%
XYZ	56.3114, 60.2982, 61.5372
YIQ	203.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

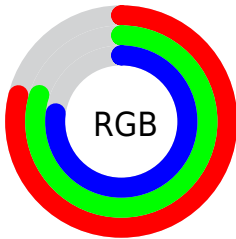
Format	Color
RYB	197, 205, 200
Decimal	13290949
CIELab	82.00, -2.47, 3.61
CIElCh	82, 4.374, 124.411
Yxy	60.2982, 0.3161, 0.3385
Android (android.graphics.Color)	4291481029 (0xFFCACDC5)
YUV	203.1910, -3.0522, -1.0445
Hunter-Lab	77.6519, -6.4467, 7.3705

Details

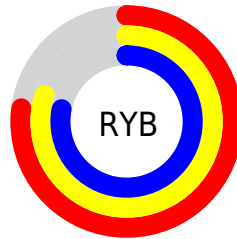
The CIELCh color **82, 4.374, 124.411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 4.422, 304.779**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **62, 4.632, 124.342** is the 20% darker color. If you saturate the color by 10%, you get **81, 15.617, 123.894**, and if you desaturate by 10%, it is **83, 6.849, 304.883**.

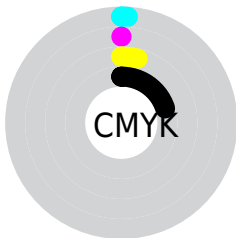
Distribution



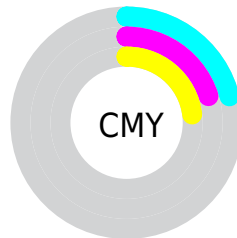
- Red (79%)
- Green (80%)
- Blue (77%)



- Red (77%)
- Yellow (80%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 4.374, 124.411 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 82, 4.374, 124.411 by changing the saturation by 10% instead.

■ 82, 4.374, 124.411

■ 82, 4.374, 124.411

■ 100, 4.374,
124.411

■ 72, 4.374, 124.411

■ 62, 4.374, 124.411

■ 52, 4.374, 124.411

■ 42, 4.374, 124.411

■ 32, 4.374, 124.411

■ 22, 4.374, 124.411

■ 12, 4.374, 124.411

■ 2, 4.374, 124.411

■ 0, 4.374, 124.411

82, 4.374, 124.411

82, 4.374, 124.411

81, 15.617,
123.894

83, 6.849, 304.883

80, 26.803,
123.362

84, 18.011,
305.347

79, 37.838,
122.833

85, 27.250,
306.640

78, 48.576,
122.336

86, 27.997,
311.891

77, 58.803,
121.918

87, 28.962,
316.906

77, 68.210,
121.647

87, 30.129,
321.633

76, 76.372,
121.621

88, 31.306,
325.514

76, 82.795,
121.960

■ 75, 87.093,
122.767

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82, 4.374, 124.411



80, 4.422, 304.779

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 4.374, 124.411



82, 4.374, 174.411



82, 4.374, 304.411



82, 4.374, 354.411

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82, 4.376, 124.422



100, 1.329, 124.617



81, 2.417, 59.273



53, 0.755, 124.623



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 4.376, 124.422



99, 6.695, 124.359



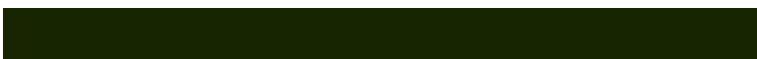
82, 4.960, 140.627



43, 3.803, 124.329



62, 75.759, 123.183



13, 23.513, 125.397

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80, 4.422, 304.779



96, 6.771, 304.844



80, 4.983, 320.902



41, 3.849, 304.875



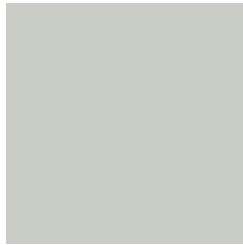
23, 92.674, 309.525



2, 24.072, 302.363

Previews

White Background



This preview shows how the CIELCh color 82, 4.374, 124.411 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 4.374, 124.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

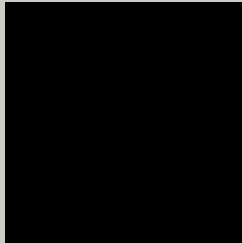
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

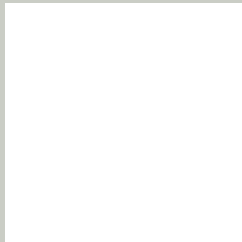
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 4.374, 124.411

Background



This preview shows how black text looks on a background with the CIELCh color 82, 4.374, 124.411.



This preview shows how white text looks on a background with the CIELCh color 82, 4.374, 124.411.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82, 4.374, 124.411

Protanopia

82, 4.297, 78.614

Deuteranopia

82, 10.523, 14.446



Tritanopia
82, 8.574, 298.038

Trichromacy



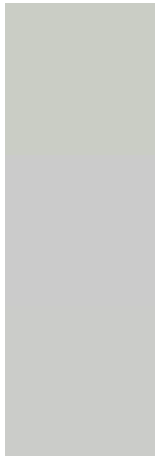
Original Color
82, 4.374, 124.411

Protanomaly
82, 4.277, 99.822

Deuteranomaly
82, 6.413, 29.255

Tritanomaly
82, 3.740, 296.035

Monochromacy



Original Color
82, 4.374, 124.411

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.624, 123.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 4.374, 124.411 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(202, 205, 197)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 197)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 205, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 4.374, 124.411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 205, 197) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(202, 205, 197) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(202, 205, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 205, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 205, 197); box-shadow:4px 4px 4px 4px rgb(202, 205, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 4.374, 124.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 197) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202,  
205, 197) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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